



**TO:** Local health agencies, Missouri Department of Health District Offices, Hospital Infection Control Practitioners and Infectious Disease Specialists, Veterinarians, Missouri Influenza Sentinel Physicians, and Other State Infectious Disease Directors

**FROM:** Howard Pue, DVM, MS, Section Chief  
Communicable Disease Control and Veterinary Public Health

**SUBJECT:** Monthly Communicable Disease Update (**Provisional**) September 2001  
(through week 39 ending September 29, 2001)

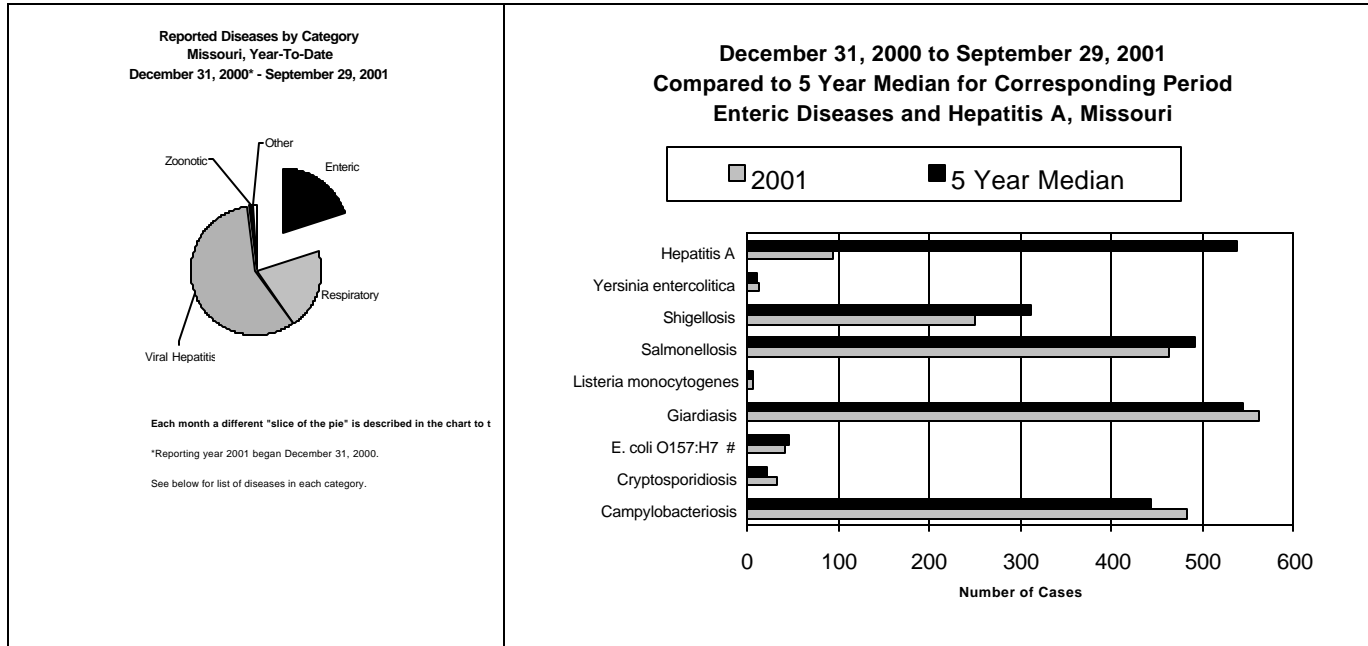
**DATE:** October 13, 2001

The Section of Communicable Disease Control and Veterinary Public Health publishes a monthly update on selected reported communicable diseases. The Section is responsible for reportable communicable diseases without federal funding. This information may also be found on the Missouri Department of Health and Senior Services (MDHSS) Homepage at [www.dhss.state.mo.us](http://www.dhss.state.mo.us) under Diseases & Conditions.

Educational literature may also be found at this web site in the Publications Section.

The After Hours Emergency Number for the Missouri Department of Health and Senior Services is (573) 751-4674. Diseases can be reported to the local health authority or the Missouri Department of Health and Senior Services at (800) 392-0272.

## Monthly Communicable Disease Update, September, 2001 (Provisional Data)



### Reported Cases of Selected Diseases by Category

	2001 Sept	2001 YTD	2000 YTD	5 Year Median YTD	% Change 5 Year Median	Number of Cases, September 2001 by Health District						
						CD	ED	NE	NW	SE	SW	Unk
<b>Enteric Diseases</b>												
Campylobacteriosis	54	483	528	444	+ 8.78%	8	16	1	9	3	17	
Cryptosporidiosis	5	33	26	22	+ 50.00%	0	2	0	0	0	3	
E. coli O157:H7 #	10	42	90	45	- 6.67%	1	4	0	5	0	0	
Giardiasis	65	562	593	545	+ 3.12%	10	36	2	9	1	7	
Listeria monocytogenes	1	6	4	6	0.00%	0	1	0	0	0	0	
Salmonellosis	74	463	545	492	- 5.89%	8	29	2	10	15	10	
Shigellosis	52	249	549	312	- 20.19%	10	35	1	4	0	2	
Yersinia enterocolitica	0	12	11	11	+ 9.09%	0	0	0	0	0	0	
<b>Respiratory</b>												
Influenza (Lab Confirmed)	3	1879	2421	938	+ 100.32%	3	0	0	0	0	0	
Legionellosis	1	19	22	14	+ 35.71%	1	0	0	0	0	0	
<b>Viral Hepatitis</b>												
Hepatitis A	15	93	233	538	- 82.71%	1	9	0	4	0	1	
Hepatitis B	9	87	111	186	- 53.23%	0	2	0	2	2	3	
Hepatitis C (Acute)*	0	9	12	na	na	0	0	0	0	0	0	
Hepatitis C (Other)*	295	5158	4093	na	na	34	120	6	64	26	42	3
<b>Zoonotic</b>												
Ehrlichiosis	0	24	61	15	+ 60.00%	0	0	0	0	0	0	
Lyme Disease	2	22	44	41	- 46.34%	1	1	0	0	0	0	
Rocky Mtn Spotted Fever	4	58	27	14	+ 314.29%	1	1	1	0	0	1	
Tularemia	3	16	25	11	+ 45.45%	2	0	0	0	0	1	
<b>Other</b>												
HIB Disease	0	13	18	7	+ 85.71%	0	0	0	0	0	0	
Malaria	2	11	13	11	0.00%	2	0	0	0	0	0	
Meningococcal Disease	4	44	55	68	- 35.29%	0	1	1	0	0	2	

\*Hepatitis C became reportable in 1997; it was previously included in Hepatitis Non A, Non B.  
Hepatitis C (Other) represents positive tests (HCV EIA, RIBA, or PCR) but did not meet CDC's case definition for acute Hepatitis C.  
Reportable diseases of very low incidence (<10 cases in previous year) are not included.  
-not divisible by zero

### 1999 Population Estimates by Missouri Health District

Central (CD)	Eastern (ED)	Northeast (NE)	Northwest (NW)	Southeast (SE)	Southwest (SW)
693,250	1,901,833	248,910	1,289,268	549,419	775,113

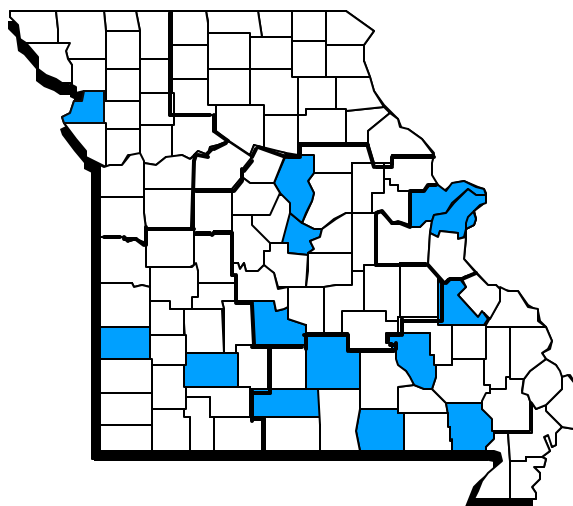
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## Monthly Communicable Disease Update, September, 2001 (Provisional Data)

### Confirmed Rabies in Animals

Species	September		YTD	
	# Exams	# Positive	# Exams	# Positive
Dog	54	0	529	1
Cat	50	0	578	1
Bat	94	4	830	29
Skunk	3	0	40	4
Fox	4	1	17	1
Cow	3	0	28	0
Horse	0	0	6	1
Ferret	1	0	11	0
Raccoon	13	0	161	0
Rodent/Rabbit	21	0	128	0
Other Domestic	1	0	4	0
Other Wild	2	0	33	0
Exotic	0	0	1	0
Unknown	0	0	1	0
Total	246	5	2367	37

Confirmed Animal Rabies in Missouri  
By Health District  
December 31, 2000 - September 29, 2001



Counties Under Rabies Alert: Greene

Correction: During July, a positive bat was reported in Dallas County. It has been determined that the exposure occurred in Laclede County.

### Active Surveillance System

Local health agencies have established surveillance sites that report clinical symptoms. This system is intended to rapidly assess changes in the community's health. The current reporting format was implemented in July, 1998.

Signs and Symptoms of Diseases or Conditions	2001	2000	September 2001 by Health District					
	Sept	Sept	CD	ED	NE	NW	SE	SW
Animal Bites	240	258	53	5	10	90	39	43
Eye Redness w/drainage	1018	909	229	78	99	265	203	144
Gastro-Intestinal illnesses								
Diarrhea and/or vomiting	7302	6251	1558	384	534	1959	1784	1083
Other	809	785	20	344	129	45	177	94
Respiratory Illness								
Flu-like illness	4558	3990	1144	231	349	1430	630	774
Pneumonia	691	615	185	70	70	65	215	86
Other-URI	3203	2916	276	244	419	546	1251	467
Strep	1290	1216	298	259	70	340	182	141
Mono	91	74	43	3	0	29	11	5
Rash Illnesses								
Chickenpox (varicella)	198	130	41	16	18	39	44	40
Shingles - (varicella zoster)	83	49	23	6	9	18	17	10
Fifth Disease	35	18	10	6	2	5	9	3
Hand, Foot & Mouth Disease	102	56	18	7	15	24	17	21
Other	535	394	179	57	21	101	119	58
Hepatitis								
Hepatitis A	2	1	0	0	0	2	0	0
Hepatitis B	24	7	0	0	0	12	4	8
Hepatitis C	78	53	5	0	0	34	13	26
Infections								
Pediculosis	3534	4674	988	105	314	496	1125	506
Scabies	83	53	15	6	6	16	28	12
Other	30	67	0	5	1	6	8	10
Central nervous system illnesses								
Encephalitis	2	6	0	1	0	0	1	0
Meningitis	48	23	2	0	4	25	8	9
Hypothermia	0	12	0	0	0	0	0	0
Hyperthermia	31	144	11	0	2	6	12	0
Other	25	23	0	0	0	0	1	24